

**AMENDMENTS TO THE SPECIFICATION WITH MARKINGS TO SHOW
CHANGES MADE**

Replace the paragraph(s) as follows:

4B
-- [0043] FIG. 4 depicts an exemplary installation of a light element 30 according to the invention behind a translucent protective surface 31. The translucent protective surface 31 is here formed by an outer glass wall of a greenhouse 32. Arranged below the protective surface 31 ~~are~~ ^{are} lenses 33 indicated as a dash-dotted line. The lenses 33 concentrate the direct portion of the received solar radiation 24 onto pipes 35. Fluid flows through the pipes 35 and is collected in a heat reservoir 36. For example, at night, heated fluid can be withdrawn from the heat reservoir 36 and pumped through a piping system 38 by pump 37 to heat the greenhouse 32. Plants 39 located in the greenhouse 32 essentially only receive the diffuse portion of the light passing through the lenses and - optionally - also a portion of the direct light that passes through those roof areas that are not covered by lenses. The portion of the light that passes between the lenses can also be converted to diffuse light by placing a highly transmissive, preferably light textile fabric in these areas. The light fabric efficiently converts direct light into diffuse light through forward scattering.--

**AMENDMENTS TO THE CLAIMS WITH MARKINGS TO SHOW CHANGES
MADE, AND LISTING OF ALL CLAIMS WITH PROPER IDENTIFIERS**

Claim 1 (Canceled)

2. (Currently amended) The light element of claim 9 5, wherein the translucent surface is an element selected from the group consisting of a Fresnel lens, a holographic lens and a refractive optical element.
3. (Currently amended) The light element of claim 9 5, wherein the energy conduit includes a solar cell.
4. (Currently amended) The light element of claim 9 5, wherein the energy conduit includes a fluid line.
- B²
5. (Currently amended) A light element comprising an energy conduit; and a translucent surface so formed as to direct only radiation onto the energy conduit that impinges directly on the translucent surface, said translucent surface tracking the sun uniaxially or biaxially, wherein the energy conduit is disposed between the translucent surface and an additional translucent surface, and wherein the energy conduit includes a light guide.
6. (Original) The light element of claim 5, wherein the light guide is flexible.

7. (Original) The light element of claim 5, wherein the light guide has an entry end for receiving the portion of the radiation directed onto the energy conduit and tracking a movement of a focal plane, and an exit end which is stationary and aimed at the energy conduit.

8. (Currently amended) The light element of claim 9 5, wherein the light element is located behind a translucent protective surface.

9. (Currently amended) A light element comprising an energy conduit; and a translucent surface so formed as to direct only radiation onto the energy conduit that impinges directly on the translucent surface, said translucent surface tracking the sun uniaxially or biaxially, wherein the energy conduit is disposed between the translucent surface and an additional translucent surface forming a dual glass pane, wherein the light element is movable by two degrees of freedom within the dual glass pane.

10-12 (Cancelled)

13. (Previously presented) A greenhouse, comprising:

- a plurality of frame elements forming a frame of the greenhouse,
- a plurality of pillows having at least one upper translucent surface facing a radiation source, each pillow supported in a respective frame element,

- a fluid element having a fluid circulating therethrough and a lens system arranged inside the pillow and formed so as to direct only a portion of the radiation that strikes the upper translucent surface in a direction perpendicular to the upper translucent surface onto the fluid element, and
 - a thermodynamic machine extracting thermal energy from the fluid for producing at least electrical power.
14. (Previously presented) The greenhouse of claim 13, and further comprising a heat reservoir for storing a portion of the thermal energy that is not extracted by the thermodynamic machine.
15. (Currently amended) The light element of claim 40 18, wherein the translucent ~~surface~~ surfaces are each an element selected from the group consisting of a Fresnel lens, a holographic lens and a refractive optical element.
16. (Currently amended) The light element of claim 40 18, wherein the energy conduit includes a solar cell.
17. (Currently amended) The light element of claim 40 18, wherein the energy conduit includes a fluid line.
18. (Currently amended) A light element comprising an energy conduit; and a

plurality of translucent surfaces for demarcating a living space, said translucent surfaces directing only radiation onto the energy conduit that impinges directly on the translucent surfaces, said translucent surfaces tracking the sun uniaxially or biaxially, and wherein the energy conduit includes a light guide.

19. (Original) The light element of claim 18, wherein the light guide is flexible.
20. (Original) The light element of claim 18, wherein the light guide has an entry end for receiving the portion of the radiation directed onto the energy conduit and tracking a movement of a focal plane, and an exit end which is stationary and aimed at the energy conduit.
21. (Currently amended) The light element of claim ~~40~~ 18, wherein the light element is located behind a translucent protective surface.
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REMARKS

The last Office Action of October 25, 2002 has been carefully considered. Reconsideration of the instant application in view of the foregoing amendments and the following remarks is respectfully requested. This application was abandoned and a petition to revive based in unintentional delay in responding to the Official Action of October 25, 2002 is submitted herewith.

Claims 1-21 are pending in the application. Claims 2-5, 8 and 15-18 and 21 have been amended. Claims 1, 10-12 have been canceled. A total of 18 claims is now on file. The fee of \$100.00 for the surcharge claim is inclosed.

Claims 10, 15-21 stand rejected under 35 U.S.C. §112. second paragraph as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claims 10, 15-17, 21 stand rejected under 35 U.S.C. §102(b) as being anticipated by U.S. Pat. No. 4,280,853 ("Palazzetti et al").

Claims 2-4, 8-10, 15-17 and 21 stand rejected under 35 U.S.C. §103(a) as being unpatentable over Palazetti.

It is noted with appreciation that claims 13 and 14 are allowed. It is also noted with appreciation that claims 5-7 are indicated allowable if rewritten in independent form to include all of the limitations of the base claim and any intervening claims; and further that claims 18-20 would be allowable if rewritten to overcome the rejection under 35 U.S.C. §112. second paragraph and to include all of the limitations of the base claim and any intervening claims.

Applicant has rewritten claim 5, as suggested by the Examiner, who indicated that originally filed claim 5 would be allowable if rewritten in independent form. It is therefore applicant's belief that claim 5 has not been narrowed to trigger prosecution history estoppel. Claims 2-4 and 8 have been amended to make them dependent on claim 5.

In addition, applicant has rewritten claim 18 in independent form, as suggested by the Examiner, who indicated that originally filed claim 18 would be allowable if rewritten in independent form. It is therefore applicant's belief that claim 18 has not been narrowed to trigger prosecution history estoppel.

For the reasons set forth above, it is applicant's contention that claims 2-8 and 13-21 on file are now in condition for allowance.

With respect to claim 9, applicant wishes to submit argument in favor of allowance as set forth herein below.

OBJECTION TO THE SPECIFICATION

The Examiner required 2 corrections of the specification. With respect to the first named correction, applicant has not been able to find the typographical error the Examiner has determined on the page and line as indicated. Applicant therefore requests that the correction, if any, be done by Examiner's amendment.

**REJECTION OF CLAIMS 10, 15-20 UNDER 35 U.S.C. §112, SECOND
PARAGRAPH**

Applicant has amended claim 15 to address the §112 rejection. These changes are self-explanatory and cosmetic in nature and should not be considered as a narrowing amendment to trigger prosecution history estoppel.

Withdrawal of the rejection of the claims 15-20 under 35 U.S.C. §112, second paragraph is thus respectfully requested.

**REJECTION OF CLAIM 9 UNDER 35 U.S.C. §103(a) AS BEING
UNPATENTABLE OVER PALAZETTI**

The Examiner's rejection is respectfully traversed. The Examiner is reminded that in a prior Office Action, claim 9 was already allowable. In view of the Examiner's following refusal, applicant has amended claim 9 to indicate that the two translucent surfaces are a dual glass pane and that the light element is movable therein within two degrees of freedom.

The Examiner has strained the Palazetti reference to include the features of independent claim 9 by stating that it would have been obvious to have made an entire roof of glass panels not just the sloping section and that a glass panel would have been placed beneath the converters shown in Fig. 3 so as to separate the converters. The Examiner has given no indication why one would be motivated to do these steps given the teachings of Palazetti. Palazetti does not teach nor disclose the features as presently recited in claim 9. It is therefore believed that

claim 9 distinguishes over the prior art of record and should be allowed.

Withdrawal of the rejection of claim 9 under 35 U.S.C. §103(a) is thus respectfully requested.


FURTHER CITED PRIOR ART

Applicant has also carefully scrutinized the further cited prior art and finds it without any relevance to the newly submitted claims. It is thus felt that no specific discussion thereof is necessary.

Withdrawal of the rejection under 35 U.S.C. § 103(a) and allowance of claims 2-9 and 13-21 are thus respectfully requested.

Should the Examiner consider necessary or desirable any formal changes anywhere in the specification, claims and/or drawing, then it is respectfully requested that such changes be made by Examiner's Amendment, if the Examiner feels this would facilitate passage of the case to issuance. If the Examiner feels that it might be helpful in advancing this case by calling the undersigned, applicant would greatly appreciate such a telephone interview.

Respectfully submitted,

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